

Materials Engineering CoP Meeting Agenda
9/22/11

Attendees:

Burnaby – Myron
El Segundo – Maricela, Kelley, Matt
Cape Town - none
Hawaii – none
Pascagoula – Orin, Eric
Salt Lake – Amy
Richmond – Jessica, Praneil
ETC – Dave, Kevin
Reliability COE – Carol-Ann Laughlin (facilitator)
Absent – Shawn McDougall on vacation, Tom Wisherop on vacation

Guests: Jeff Johns (Hydroprocessing BIN Leader)

- 10 min - LPS Moment – Carol-Ann
- 15 min - Introductions (*be prepared to tell your name, refinery, # years with Chevron, previous employers and/or work locations*)
- 10 min – Feedback on Draft Charter - everyone
Following our last meeting a sub team worked on a charter for the group. Please take a look at this and come prepared with any comments.



charter draft.docx

- 15 min – Review of Plants for High Temperature Hydrogen Attack – Carol-Ann/Dave
Each refinery needs to put together a schedule for reviewing their plants for operating conditions that could cause hydrogen attack. This is a follow up to and continuation of the HTHA reviews we did in all our NHTs last year.
 - Hydprocessing (ISOMAX, hydrotreaters other than NHT, hydrocrackers, etc.)
 - Cat Reformers (Rheniformers, CCRs, etc.)
 - Hydrogen Manufacturing (SNR, SMR, etc.)
 - Isomerization (Penex, Penhex, Butamer, etc.)
- 10 min – agenda items for next time and wrap up – Carol-Ann

Future topics:

- *Interesting findings- Tom HDN effluent piping at SL*
 1. *Alky piping at RI (Nov)*
- *Corrosion monitoring*
- *Key reliability threats*
- *NACE and API learnings*

- *New technologies*
- *Corrosion control best practices*